X-Treme ™ Electric Moped

XB-700Li

Electric Bicycle/Moped

Read this manual completely before riding your electric bicycle

DO NOT RETURN TO STORE!

Do not use this vehicle for the first time until you have inflated the tires to the correct PSI and completely charged the battery. Failure to follow these instructions may damage your vehicle and void your warranty.

CALL TOLL FREE OR GO ONLINE

1-800-772-3852 www.x-tremescooters.com/support/

For General Information or Parts Visit www.x-tremescooters.com

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RIDING SAFETY

Like any sport, biking carries the risk of injury and damage. By choosing to ride the XB-700Li, you assume all responsibility for these risks. Thus, you need to know and practice the rules of safe and responsible riding.

YOUR INSURANCE POLICIES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING THE USE OF THIS ELECTRIC BICYCLE. TO DETERMINE IF COVERAGE IS PROVIDED YOU SHOULD CONTACT YOUR INSURANCE COMPANY OR AGENT.

Safety Basics: Do's and Don'ts

The Do's

- Always conduct a Safety Check before you ride your XB-700Li. Be thoroughly familiar with the controls of your XB-700Li.
- Always wear an approved helmet when riding your XB-700Li. Follow the helmet manufacturer's instructions for fit, use and care of your helmet.
- Always keep body parts and other objects away from the spinning wheels of your XB-700Li.
- Always wear shoes that will stay on your feet and will stay on the floorboard.
- Wear bright, visible clothing that is not so loose that it can catch on moving parts of the XB-700Li or objects at the side of the road or trail.
- Think about your speed, and keep your speed consistent with safe operating conditions.

The Don'ts

- Never ride with headphones. They mask traffic sounds, distract you from concentrating on your surroundings, and their wires can tangle in the moving parts of the XB-700Li, causing you to lose control.
- Never ride barefoot or wearing sandals.
- Don't jump with your XB-700Li. It puts great stress on everything from frame and forks to drive train. Riders who insist on jumping their XB-700Li risk serious damage to their XB-700Li as well as to themselves.
- Never carry anything which obstructs your vision or your complete control of the XB-700Li or which could become entangled in the moving parts of the XB-700Li.
- Never hitch a ride by holding on to another vehicle.
- Never ride your XB-700Li while under the influence of alcohol or other drugs.
- If possible, avoid riding in bad weather, when visibility is obscured, at dusk or in the dark, or

when you are very tired. Each of these conditions increases the risk of accident.

- Never allow children to ride. Never allow others to ride without reading and understanding these instructions.

Operating Reminders and Suggestions

- Review all instructions carefully before riding the XB-700Li.
- Follow all rules and regulations in your area for operating a motorized bicycle. Obey the same road laws as all other road vehicles, including yielding the right-of-way to pedestrians, and stopping at red lights and stop signs.
- Ride predictably and in a straight line. Never ride against traffic.
- Ride defensively. To other road users, you may be hard to see.
- Concentrate on the path ahead. Avoid potholes, gravel, dirt, wet road, oil, curbs, speed bumps, drain grates and other obstacles.
- Be alert for unexpected events, such as opening car doors or cars backing out of concealed driveways.
- Be extra careful at intersections and when preparing to pass other vehicles.
- Don't carry packages or passengers that will interfere with your visibility or control of the bike. Don't use items that may restrict your hearing.
- Maintain a comfortable stopping distance from all other riders, vehicles and objects. Safe braking distance and forces are subject to the prevailing weather and road conditions.

Wet Weather Riding

Wet weather impairs traction, braking and visibility, both for the rider and for other vehicles sharing the road. The risk of accident is dramatically increased in wet conditions. In wet weather you need to take extra care. In wet conditions, the stopping power of your brakes (as well as the brakes of other vehicles sharing the road) is dramatically reduced. This makes it harder to control speed and easier to lose control. To make sure that you can slow down and stop safely in wet conditions, apply your brakes earlier and more gradually than you would under normal, dry conditions.

Decrease your riding speed, avoid sudden braking, and take corners with additional caution. Keep in mind that there is a direct, but inverse, relationship between speed and controllability.

Be more visible on the road. Wear reflective clothing and use safety lights.

Potholes and slippery surfaces such as lane markings and train tracks all become more hazardous when wet.

Night Riding

A rider is very difficult for motorists to see at dusk, at night, or at other times of poor visibility. If you must ride under these conditions, check and be sure you comply with all local laws about night riding; follow the Rules of the Road, and take the following precautions:

Make sure that your XB-700Li is equipped with correctly positioned and securely mounted

reflectors. Make sure your clothing or cargo does not obstruct a reflector or light.

Wear light colored, reflective clothing and accessories, any reflective device or light source that moves will help you get the attention of approaching motorists, pedestrians and other traffic.

Ride slowly. Avoid hazards, such as potholes and curbs.

Avoid areas of heavy traffic, dark areas, and roads with speed limit over 35 mph. If possible, ride on routes already familiar to you.

Ride at night only if necessary. Slow down and use familiar roads with street lighting, if possible.

Other Important Reminders

The battery does NOT require deep discharging. If your XB-700Li is put into storage, re-charge its battery at least once every 90 days.

Do not store your XB-700Li in direct sunlight for an extended time.

Store your XB-700Li in a dry place. Exposing your XB-700Li to rain, snow, or other precipitation may result in damage.

Product features

X-TREME scooters
X-TREME™ XB-700LI
ELECTRIC BICYCLE
FEATURES
· 700 Watt Rear Hub Motor
· 32 Light-weight Lithium LiPo4 Batteries
· 20+ MPH Top Speed*
· 25-35+ Miles Per Charge*
· Comfort Back Rest
· Oversize Seat
· Windshield
· ABS Floor Deck
· Bicycle Pedals Included
· 16" x 3.0" Tires on Aluminum Wheels
· Street Legal - No Licence Needed
· Smart Charger & Tool Kit Included
· 90 Day X-Treme Warranty
· 12 Month Battery Warranty
* Depends on Rider Weight and Terrain

Package Contents:

- XB-700Li Moped/Bicycle
- 110-120VAC 5AH Charger
- Left & Right Mirrors
- Front Tire
- Left & Right Foot Pedals
- Windshield & hardware
- Windshield Y Fairing
- Ignition Keys
- Back Rest & bolts
- Foot Pad
- User Manual & Tool Kit

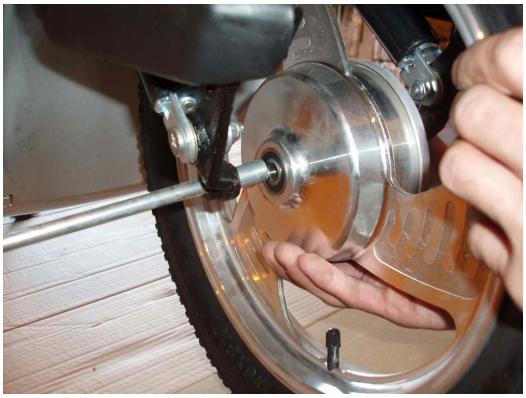
Assembly Instructions

After removing the cardboard carton & metal crate, disconnect all wires holding the items in place and remove all protective packaging foam. Remove axle from front fork & shipping crate and set aside, do not discard. There are 8 installation steps that must be done prior to using your XB-700Li. Be sure to do them in order and do not skip a step.

1.) INSTALLATION OF FRONT WHEEL AND BRAKE.

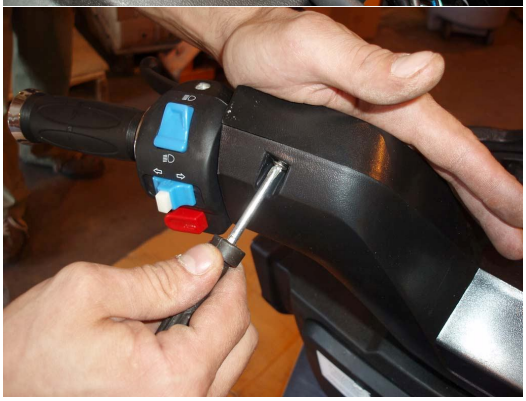
1. Insert brake hub onto wheel as shown above.
2. Slide wheel into front forks being sure to align brake hub bracket with right side fork. See image below.

(When sitting on bike, front brake is on riders left side of front wheel)



3. Slide axle thru left fork, then spacer before inserting it into the left side of front wheel.
4. Secure with nut on right side (brake side) and tighten securely

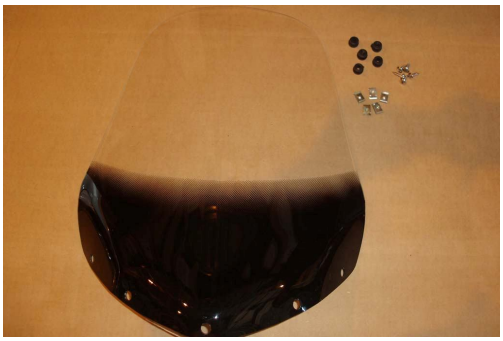
2.) HANDLEBAR INSTALLATION



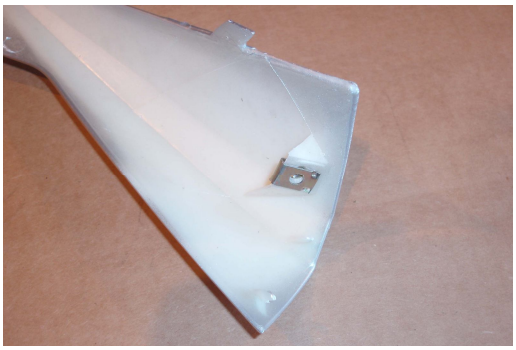
1. Locate and remove the handlebar bolt, washer & nut as shown above.
2. Remove 4 external screws & 2 internal screws from handlebar front & back black covers for easy installation of handlebar bolt.

3. Slide handlebars over post in the correct position, then insert the bolt & concave washer into the front (speedometer side) of the handlebars and secure with nut on the back (riders side). Concave washer should be partially inserted into the handlebar and make contact with internal post to be tightened properly and securely.
4. Then, re-attach front and back handlebar covers.

3.) WINDSHIELD INSTALLATION



1. Locate slide clips, rubber grommets & screws.
2. Insert rubber grommets in windshield
3. Insert slide clips on front windshield fairing.
4 Using 5 screws, secure windshield in place being careful not to over tighten.
5. Insert slide clips onto “Y” Fairing & attach with 4 screws.



4-6.) BACK REST, PEDAL & MIRROR INSTALLATION

1. Install rubber covers over back rest posts.
2. Mount back rest to bike by inserting bolts up thru the bottom (inside trunk) & tighten.

3. Attach left & right foot pedals according to correct side by lining up pedal with bearing on pedal shaft and snap into place.

4. Screw left & right mirrors into place as shown below and cover with rubber caps. Adjust to appropriate riding need.

7.) BATTERY CONNECTION & INITIAL CHARGING

1. Unlock battery box located on the foot plate.

2. Remove battery pack and locate plug.

3. Plug battery wire into battery pack and reinstall pack into foot plate.

4. Lock battery pack in place.

5. Charge the batteries until the light turns green indicating that the battery is completely charged.

IMPORTANT: DO NOT CHARGE FOR MORE THAN 8 HOURS AS THIS CAN DAMAGE BATTERIES.

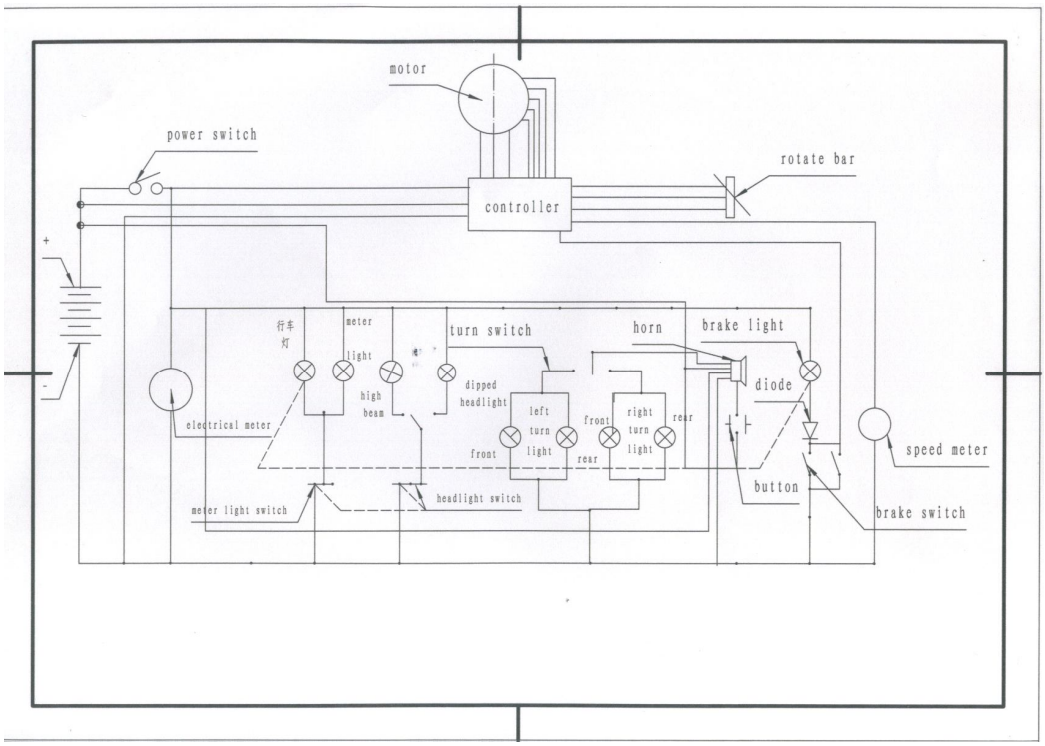
8.) TIRE INFLATION

Finally, inflate both tires to the minimum recommended tire pressure depending on the number of riders that will be using the bike. Recommended tire pressure is between 35-40 PSI.

Be sure to check all nuts screws and bolts including ones not mentioned in the set up, for tightness and fit before riding.

Product Specifications

1. Wire diagram



2. Specifications

Battery Type	LiPo4
Battery Voltage	51.2 VDC
Motor Wattage	700W
Wheel Size	16 inch
Top Speed	20 MPH
Charging Time	3-4hrs
Distance of full charge	25 – 35 miles
Battery charging cycles	Around 500~700 times
Max rider weight	350 Lbs
Two rider	Yes
Left and Right Indicators	Yes
Rear View mirrors	Yes

Operation

Your new Electric Bicycle/scooter is a revolutionary new transport product using many lightweight high-powered Lithium batteries and a super high efficiency electric hub motor designed to ASSIST in the propulsion of you and your bicycle. It is important to note the following riding guidelines to ensure you get the best possible experience from your electric bicycle.

Riding tip checklist

When starting off from stand still, pedal bicycle up to speed then engage throttle for best results.

On inclines pedaling may be required to maintain momentum.

Ensure Tires are fully inflated to 35-40 PSI for bikes.

Remember performance of the bike is directly related to weight of the rider and any baggage/load together with the charge in the batteries.

Ensure batteries are fully charged prior to riding.

Charge overnight prior to riding the next day but never for longer than 8 hours.

Never let the batteries go fully flat. This will reduce battery and bike performance.

Apply chain oil periodically and clean if dirty or gummed up using a degreaser then wipe clean and apply bicycle chain oil.

If your bike is equipped with lights we recommend you ride with them switched on at all times to increase visibility for you and other road users.

It’s important to start pedaling for a few revolutions THEN slowly turn the throttle control and gradually bring on the power. This ensures the battery and motor is not overloaded.

Battery Charging and & Battery Safety

Charging

figure 1-4

Charging (see figure 1-4)
Ensure bike is turned off and key is removed.

1. First connect to the battery charger to the charging socket located below the front of the seat or under the front seat.

(Optionally, you can also remove the battery pack and charge outside of the bike if preferred)

2. Insert the power plug on the battery charger into power outlet
3. While charging, the light on the battery charger will illuminate Red.
4. When fully charged, the light will illuminate Green.
5. NEVER CHARGE FOR OVER 8 HOURS. DAMAGE MAY OCCUR TO BATTERY
6. Always charge the bike in an enclosed area outdoors away from weather & wet conditions.
7. Ensure charge input voltage on charger is set to 110vac - added

NEVER CHARGE THE BIKE INSIDE YOUR HOME

ONLY CONNECT THE BATTERY CHARGER LEAD TO THE BIKE. NEVER CONNECT ANY OTHER POWER SOURCE TO THE BIKE.

Battery Charging Safety Notes

1) While charging the Battery, keep the key switch OFF.

2) Verify that you are using the correct charger for your vehicle, and that the charger input power is compatible the "house current" in your area.

3) Keep the charger and battery away from water to prevent electrical shock and shorting. The charger is intended for indoor use only.

4) Plug the end of the charger's cord into the socket of the **adaptor** first. Next connect the adaptor to the XB-700Li (the charger port in located below the front of the seat). Then plug the chargers' AC cords into the wall outlet.

5) Read the charger label to learn about the charger indicator lights, and their meanings.

6) Generally, a short drive will require a short time to re-charge, and a long ride will require a longer time. A complete (90%) discharge may require 6 hours to recharge. To prevent electrolysis (battery fluid loss by hydrogen generation,) do not charge for longer than eighteen hours.

WARNING

Do not place the battery near heat or fire. Do not expose the chargers to water.

Maintenance ----Basic

1. There is one 30Amp glass fuse installed in the bike which is located in the battery box.
2. Clean Chain Regularly.
3. Ensure Tires are inflated to 35-40 PSI.
4. Adjust Brake tension via adjusting screws located at Brake lever or on Brake control lever.
5. Ensure regular servicing according to the schedule.
6. Do not attempt to change any electronic components except changing light bulbs.
7. DO not attempt to modify, open or perform maintenance on the Hub Motor.
8. Any attempt to modify or adjustment of electrical components will void the warranty.

Maintenance ----Schedule

Service	Interval			
	Daily	Monthly	Every 6 Months	Yearly
Inspect Tires for wear and condition and inflation	Yes	Yes	Yes	Yes
Check and adjust Brake	Yes	Yes	Yes	Yes
Check operation of all lighting and horn devices. Replace globes if necessary	Yes	Yes	Yes	Yes
Test Battery Capacity			Yes	Yes
Replace Wheel Baring Grease				Yes
Full Brake Pad Change over				Yes
Check condition and torque settings of wheel nuts and suspension forks			Yes	Yes

Follow these instructions should the need arise to remove the front or rear wheels.

Rear Wheel Assembly Instructions

1. First, remove the two screws that hold the plastic plates on both sides of rear wheel. See figure 1-5:

figure 1-5

2. Remove the screw from the end of Brake Cable, and then pull the cable out. See figure 1-6:

figure 1-6

3. Remove the tightening screw. See figure 1-7 & figure 1-8

figure 1-7

figure 1-8

4. Remove the two nuts on both sides of the rear wheel. See figure 1-9

figure 1-9

5. Slide the wheel forward to allow slack in the chain.
6. Now slide the chain over the rear flywheel and remove the wheel from the bicycle.

Front Wheel Removal Instructions

1. Remove the two nuts from both sides of the front wheel. See figure 1-10

figure 1-10

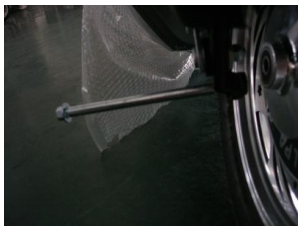
2. Remove the screw from the end of Brake Cable, and then pull the cable out. Then remove the axle and spacer as shown below in figure 1-12 & 1-13.

figure 1-11 figure1-12 figure1-13

3. Remove the front wheel.

Front Wheel Installation Instructions

1. Set your bike on a strong table or workbench to make access easier.
2. Lift the front forks and install the front wheel. Ensure the locking washers are inserted into the holes on the forks.
3. Insert the axle and spacer as shown above (in reverse)
4. Install the two nuts on the end of the axle and tighten.



Other Helpful Instructions

Pedals

1. Use a pedal wrench of 16mm spanner to tighten pedals.
2. Check and tighten pedal crank bolts with 14mm socket.

Tires

1. Inflate tire using a pump to 35-40 psi. Remember lower tire pressures will negatively impact performance by causing too much resistance, but over inflating may cause the tube to burst.

Chain

1. Give the chain a light drop of bicycle chain oil or sewing oil. Do not use RP7 type lubricants.
2. Adjust the chain tension to allow no more than ½" play between sprockets.

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